



KGK Chemical Corp.

#1 Coating Technology in The World Molecule Gradient Layer (MGL)TM Technology

Heat storage/uniform temperature gel sheet

FREY-K

Feature

FREY-K series is a sticky sheet containing heat storage material.

FREY-K solves thermal challenges.

The characteristics are described in the following

- ① Has the property of storing heat
- ② Very soft
- ③ There is stickiness that can catch heat

Example of use

- Heat measures for mobile products such as mobile phones
- Heat measures for automobile parts

Physical property

Part number	Thickness	Adhesive force Substrate/SUS JIS Z0237	Thermal conductivity	Amount of heat storage	Transition temperature	Specific gravity
	mm	N/25mm	W/m·K	J/g	(°C)	
FREY-K 10	0.10	5	0.7	33.0	60	2.16
FREY-K 50	0.50	10				

Room temperature 180 degree peeling, Test speed 300mm/min
Specific heat capacity Calculated from DSC

User is responsible for determining whether the KGK product is fit for a particular purpose and suitable for user's method of application. Please remember that many factors can affect the use and performance of a KGK product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a KGK product. Given the variety of factors that can affect the use and performance of a KGK product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the KGK product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

KGK make no warranties on above data.

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